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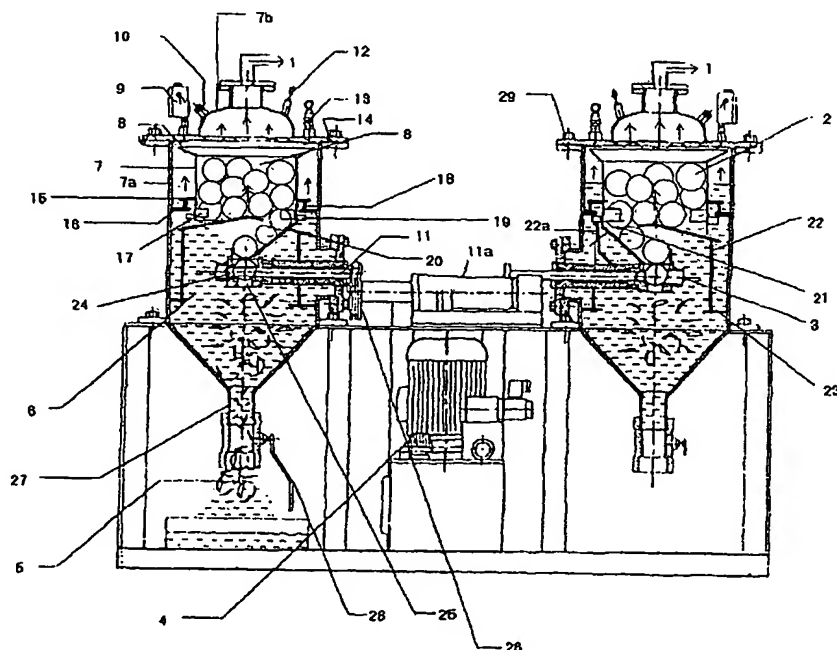
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**Declaration under Rule 4.17:**

— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID,

[Continued on next page]

(54) Title: A SYSTEM FOR PRODUCTION OF HYDROGEN WITH METAL HYDRIDE AND A METHOD



(57) Abstract: A system for production, storage and dispensation of hydrogen gas by metal hydride encapsulation. The present invention further provides a method for production, storage and dispensation of hydrogen gas by using the said system.



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# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IN 2004/000014

## A. CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup>: F17C 11/00, C01B 3/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup>: F17C, C01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
EPODOC, WPI, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                               | Relevant to claim No.             |
|-----------|--|-----------------------------------|
| A         | US 5817157 A (CHECKETTS) 6 October 1998 (06.10.1998)<br><i>figure 9, column 13 line 10 to column 14 line 23.</i> | 1, 5-10, 15-17,<br>20, 21, 23, 24 |
|           | ---  |                                   |
| A         | US 4988486 A (HARRIS et al.) 29 January 1991 (29.01.1991)<br><i>figure 8, abstract.</i>                          | 1                                 |
|           | ----   |                                   |

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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| Patent document cited<br>in search report |   |         | Publication<br>date | Patent family<br>member(s) |   |         | Publication<br>date |
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